

ATTACHMENT B

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A bit assembly for a drilling apparatus working by impact and rotation or merely by rotation, and comprising

a pilot bit ~~(1) which drills drilling the a center portion of a hole, centre and~~
a ring bit in connection with the pilot bit ~~which said~~ ring bit is arranged to drill ~~the an~~ outer circle portion of the hole ~~and, further,~~
surfaces, between the pilot bit (1) and the ring bit, (2) surfaces which are arranged to transmit impacts and/or rotary motion from the pilot bit to the ring bit, ~~and the bit assembly also including~~
an pulling arrangement for pulling which pulls a protecting tube (10) into the hole on drilling,
~~characterized in that the bit assembly~~

a blocking arrangement between pilot bit (1) and ring bit (2) an arrangement blocking which
blocks rotation and axial motion between the pilot bit and the ring bit, said blocking arrangement
being is jointly fitted in the a rear edge of the a ring bit shirt portion (5) of the ring bit so that the
said blocking arrangement is located on a diameter portion greater than a diameter (Ds) of the a
groove-free inner surface of the ring bit, to which shirt portion (5)

a locking nose (7) of the pilot bit (1) which can be fitted to the shirt portion,
the shirt portion having a counter-groove shape (3, 4, 15) for fitting the locking nose (7)
which reaches reaching through the shirt (5) wall, which counter-groove shape comprises a first
surfaces that with one of their portion (4) can transmit rotary motion force to the ring bit (2) and
with their adjacent part (3) a second surface that can transmit a force to pull the ring bit off the
hole.

2. (currently amended) A bit assembly according to claim 1, ~~characterized in that wherein the~~
pilot bit (1) comprises on a portion (14) thereof a diameter change, which takes place is located
behind the ring bit 2 as viewed from the drilling direction, and wherein the a front edge of said
diameter change portion comprises shape (7), the locking nose which is fitted to work co-
operatively with the first and second surfaces (3, 4) on shirt portion (5) of ring bit (2).

3. (currently amended) A bit assembly according to claim 1, ~~characterized in that~~ wherein the counter-groove shape of the shirt portion (5) of ring bit (2) comprises a pitch angle shaped portion (6) and a closing portion (3, 4) that forms a closing groove for connecting the pilot bit (1) to the ring bit (2).

4. (currently amended) A bit assembly according to claim 1, ~~characterized in that~~ wherein the rear edge of ring bit (2) the shirt (5) portion comprises at least a pitch angle shaped portion (6) and a possible at least one portion or several portions (15) with no pitch angle shaped portion, and that wherein said shaped portions are arranged as the one and only surfaces to take percussions from the pilot bit (1).

5. (currently amended) A bit assembly according to claim ~~1~~ 3, ~~characterized in that~~ wherein the ring bit (2) shirt portion (5) more includes a plurality of pitch angle shaped portions (6) and more associated grooves (3); (4) are arranged.